

Thermodynamics Research Center

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Third (Twelfth) Annual NIST/TRC Consortium Workshop

University of Colorado
Boulder, Colorado

Thursday, June 26, 2003

Coors Events and Conference Center, Room No. 4

Morning session: TRC Data Activities in 2002-2003

8:30 a.m.	Welcome and introductions	<i>M. Frenkel</i>
8:35 a.m.	Introductory remarks from the Director of the Chemical Science and Technology Laboratory	<i>H.G. Semerjian</i>
8:45 a.m.	Introductory remarks from the Chief of Physical and Chemical Properties Division	<i>G.J. Rosasco</i>
8:55 a.m.	Overview of TRC activities for 2002-2003 period	<i>M. Frenkel</i>
	> Implementation of Dynamic Data Evaluation concept and potential impact into chemical process design	
	> New data delivery process using ThermoML	
	> Databases	
	▪ TABLE	
	▪ VAPOR PRESSURE	
	▪ DENSITY	
	▪ IDEAL GAS	
	▪ FLOPPY BOOK PACKAGE	
	▪ COMPOUNDS	
	▪ SOURCE Data System	
	> Hard-copy periodicals	
	▪ TRC Tables	
	▪ International Data Series	
	> Data entry	
	> Books for Landolt - Börnstein Series	
	> Software and hardware upgrades	
	> Review of various cooperative agreements	
9:40 a.m.	TRC Data Entry Facility: linking the global network of experimentalists and users of thermodynamic data	<i>R.D. Chirico</i>
10:10 a.m.	Break	
10:35 a.m.	Enhancements in the management system for TRC databases under Oracle 9i	<i>Q. Dong</i>
11:05 a.m.	Tool development for Dynamic Data Evaluation: from data collection to recommended data	<i>V.V. Diky</i>
11:35 a.m.	Progress in the TRC Integrated Data Prediction Software Package: data, models, and model selection	<i>X. Yan</i>
12:05 p.m.	Lunch	

Afternoon session: Steering Committee Meeting

1:45 p.m.	TRC Consortium Steering Committee meeting (Coors Events and Conference Center, Room No. 4)
3:15 p.m.	Close